BRUHAT BENGALURU MAHANAGARA PALIKE
Office of the Executive Engineer, Storm Water Drain Division, Dasarahalli.

Name of Work :- Construction of RCC culvert & U Shape drain for secondary SWD in Mallsandra Ward No.13

Estd. Cost Rs. 150.00 Lakhs

Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
1	**Dismantling of existing structures like culverts, bridges, retaining walls and other structure** comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications, iii) Dismantling Stone Masonry. A. Rubble Stone masonry in lime mortar. MORTH Specification No. 202 KSRRB M200- 15.2. -do- B. **Rubble stone masonry** in cement mortar.								
	(PWD SR 2015-16 Pg 137 Item No 18.27)								
	Existing CD1 at Santosh Nagar	Cum	1	5.00	1.50	1.20	9.00		
	CD3 at Chikkabanavara Ry stn road	Cum	2	10.00	0.60	1.20	14.40		
						Total	23.40	250.56	5864.00
	Basic Rate	Rs.	232.00						
	AW 8 %	Rs.	18.56						
	Total	**Rs.**	**250.56**						
2	Dismantling of Existing Structures like Culverts,Bridges,Retaining Walls and other structures comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding where ever necessary,sorting the dismantled material,disposal of unserviceable material and stacking the seviceable material with all lifts complete as per specifications.(Prestressed/ reinforced cement concrete grade M20 and above)								
	(PWD SR 2015-16 Pg 137 Item No 18.27)								
	Existing RCC Drain side walls opp to ward office	Cum	2	75.00	0.20	1.20	36.00		
	Drain Raft		1	75.00	1.50	0.25	28.13		
	Culvert Slab CD3 at Chikkabanavara Ry stn road		1	12.00	1.50	0.30	5.40		
	CC pavement at bus stand		1	60.00	3.70	0.30	66.60		
						Total	136.13	1042.20	141875.00
	Rate Analysis	**Rs./ Cum**							
	Basic Rate	Rs.	965.00						
	AW 8 %	Rs.	77.2						
	Total	**Rs.**	**1042.2**						
3	Excavation of removal of silt mixed with sand, human excreta, garbage in slussy condition from Storm water drain in Bangalore City including disposing off the same as directed including cost of machinery labour, fuel etc., complete with all lead and lifts (By Mechanical Means) (RA as per MI SR 2014-15)								

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Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	For Removal of Silt in drain	Cum	1	375.00	2.00	0.60	450.00		
	(Data Rate enclosed) Rs	336.39			Total		450.00	336.39	151376.00
4	**Diversion of water course by providing coffer dams or bunds or islands** as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc... complete beyond 1.50m depth upto & including 3m depth.								
	(PWD SR 15-16 Pg 257 item no 37.41.2)								
	Existing Drain	Cum	1	325.00	(0.90+0.6)/2	0.60	146.25		
					Total		146.25	346.68	50702.00
	Rate Analysis	**Rs./ Cum**							
	Basic Rate	Rs. 321.00							
	AW 8 %	Rs. 25.68							
	Total	**Rs. 346.68**							
5	**Excavation in marshy soil** upto 3m depth for foundation of structures as per drawing and technical specifications, removing the excavated stuf to a lead of 15m, including dewatering, shoring, refilling trenches in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications. V. **Marshy Soil - B Mechanical means**								
	(PWD SR 15-16 Pg 210& Item no 27.13)								
	Santosh nagar to main road	Cum	1	160.00	3.60	2.45	1411.20		
							1411.20		
	Deduct 40 % for Existing Drain section						-564.48		
					Net		**846.72**		
	Considering 50% qty in Marshy soil						**423.36**		
					Total		**423.36**	**113.40**	**48010.00**
	Rate Analysis	**Rs./ Cum**							
	Basic Rate	Rs. 105.00							
	AW 8 %	Rs. 8.40							
	Total	**Rs. 113.40**							
6	Earth work in **excavation for foundation** of structures such as culverts, bridges etc., as per drawing and technical specifications,including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications **in Ordinary soil - B. Mechanical Means** (i) Depth upto 3m MORTH Specification No. 304								
	(PWD SR 15-16 Pg 209& Item no 27.4)								
	Covered drain at Santosh Nagar opp to bus stand	Cum	1	60.00	3.40	(2.5+2.8)/2	540.60		
	CD1 at Santosh nagar		1	8.00	3.60	2.80	80.64		
	CD2 at main road at Chikkabanavara Ry stn road		1	12.00	3.70	2.80	124.32		
	CD3 at main road at Chikkabanavara Ry stn road		1	12.00	4.90	2.90	170.52		
	U shape Drain opp. Ward office LHS of road		1	75.00	3.80	2.45	698.25		
	U shape Drain after existing box drain		1	5.00	4.30	2.45	52.68		

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Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	For Ground recharge pits		35	1.05	1.05	0.6	23.15		
	Deduction for Existing Drain section		-1	105.00	1.00	1.20	-126.00		
	Considering 50% qty in AKS						423.36		
					Total		1987.52	51.84	103034.00
	Rate Analysis		**Rs./ Cum**						
	Basic Rate		Rs.	48.00					
	AW 8 %		Rs.	3.84					
	Total		**Rs.**	**51.84**					
7	Providing and **filling in foundation with Granite/trap broken metal** 100mm and down size, with approved sand including hand packing, ramming,watering, including cost of all materials and labour with all lead and lift.complete as per specifications								
	(PWD SR 15-16 Pg 6 & Item no 2.15)								
	Covered drain at Santosh Nagar opp to bus stand	Cum	1	60.00	3.40	0.30	61.20		
	CD1 at Santosh nagar		1	8.00	3.60	0.30	8.64		
	U shape drain from Santosh nagar to Main road		1	160.00	3.60	0.30	172.80		
	CD2 at main road at Chikkabanavara Ry stn road		1	11.00	3.70	0.30	12.21		
	CD3 at main road at Chikkabanavara Ry stn road		1	11.00	4.90	0.30	16.17		
	U shape Drain opp. Ward office LHS of road		1	75.00	3.80	0.30	85.50		
	U shape Drain after existing box drain		1	5.00	4.30	0.30	6.45		
	Recharge pit (Below Sand & Boulder		35	1.05	1.05	0.60	23.15		
	Recharge pit (Above Sand & Boulder		35	0.75	0.75	0.45	8.86		
					Total		394.98	2133.78	842801.00
	Rate Analysis	**Rs./ Cum**							
	Basic Rate	Rs.	2013.00						
	AW 6 %	Rs.	120.78						
	Total	**Rs.**	**2133.78**						
8	**Plain Cement Concrete M10** with OPC cement @ 220 kgs, with crushed 40mm and down size graded metal coarse aggregates @0.84 Cum and fine aggregates @ 0.56Cum, in foundation mechanically mixed placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No.2100								
	(PWD SR 15-16 Pg 211 & Item no 27.18)								
	Covered drain at Santosh Nagar opp to bus stand	Cum	1	60.00	3.10	0.15	27.90		
	CD1 at Santosh nagar		1	8.00	3.30	0.15	3.96		
	For approach		2	3.00	8.50	0.15	7.65		

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Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	U shape drain from Santosh nagar to Main road		1	160.00	3.30	0.15	79.20		
	CD2 at main road at Chikkabanavara Ry stn road		1	11.00	3.40	0.15	5.61		
	For approach		2	3.00	11.50	0.15	10.35		
	CD3 at main road at Chikkabanavara Ry stn road		1	11.00	4.60	0.15	7.59		
	For approach		2	3.00	11.50	0.15	10.35		
	U shape Drain opp. Ward office LHS of road		1	75.00	3.50	0.15	39.38		
	U shape Drain after existing box drain		1	5.00	4.00	0.15	3.00		
	Dedn for Recharge pits		-35	0.75	0.75	0.15	-2.95		
					Total		192.04	5805.00	1114793.00

Rate Analysis	Rs./ Cum	
Basic Rate	Rs.	5375.00
AW 8 %	Rs.	430.00
Total	**Rs.**	**5805.00**

Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
9	**Plain/reinforcement Cement Concrete design mix M25** with OPC cement @340 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70Cum and fine aggregates @0.47Cum with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, **open foundation** complete as per Drawing and Technical Specification with Batching plant, transit mixer and concrete pump. MORTH Specification No. 1500, 1700 & 2100.								
	(PW,P& IWTD, SR 15-16, P-212, I.No-27.31)								
	U shape drain from Santosh nagar to Main road		1	160.00	3.00	0.30	144.00		
	U shape Drain opp. Ward office LHS of road		1	75.00	3.20	0.30	72.00		
	U shape Drain after existing box drain		1	5.00	3.70	0.30	5.55		
	Dedn for Recarge pits		-35	0.75	0.75	0.30	-5.91		
					Total		215.64	6237.00	1344947.00

Rate Analysis	Rs./ Cum	
Basic Rate	Rs.	5775.00
AW 8 %	Rs.	462.00
Total	**Rs.**	**6237.00**

Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
10	**Design mix M25 sub structure** with OPC cement @340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7Cum and fine aggregates @0.47Cum with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 upto 5 mtrs. Upto 5 Mtrs height.								
	(PW,P& IWTD, SR 15-16, P-216, I.No-28.7.12)								
	U shape drain from Santosh nagar to Main road		2	160.00	0.30	1.70	163.20		

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Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	U shape Drain opp. Ward office LHS of road		2	75.00	0.30	1.70	76.50		
	U shape Drain after existing box drain		2	5.00	0.30	1.70	5.10		
		Cum			Total		244.80	7002.72	1714266.00
	Rate Analysis	**Rs./ Cum**							
	Basic Rate	Rs.	6484.00						
	AW 8 %	Rs.	518.72						
	Total	**Rs.**	**7002.72**						
11	**Plain / Reinforced cement concrete in Open foundation with OPC cement design mix M 30** @360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008,ncluding cost of all material,HOM of machinery,labour curing etc., complete with all lead and lifts, as per drawing and technical specification with Batching Plant, Transit Mixer and Concrete Pump								
	(PW,P& IWTD, SR 15-16, P-213, I.No-27.35)								
	Covered drain at Santosh Nagar opp to bus stand	Cum	1	60.00	2.80	0.30	50.40		
	CD1 at Santosh nagar		1	8.00	3.00	0.30	7.20		
	CD2 at main road at Chikkabanavara Ry stn road		1	11.00	3.10	0.35	11.94		
	CD3 at main road at Chikkabanavara Ry stn road		1	11.00	4.30	0.35	16.56		
	Rate Analysis	**Rs./Cum**					**86.10**	**6378.48**	**549188.00**
	Basic Rate	Rs.	5906.00						
	AW 8 %	Rs.	472.48						
	Total	**Rs.**	**6378.48**						
12	**Design mix M30 sub structure** with OPC cement @360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69Cum and fine aggregates @0.46Cum with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 upto 5 mtrs. Upto 5 Mtrs height								
	(PW,P& IWTD, SR 15-16, P-217, I.No-28.7.15)								
	Covered drain at Santosh Nagar opp to bus stand	Cum	2	60.00	0.35	1.70	71.40		
	Haunches		4	60.00	0.045		10.80		
	CD1 at Santosh nagar		2	8.00	0.30	1.70	8.16		
	Haunches		4	8.00	0.045		1.44		
	CD2 at main road at Chikkabanavara Ry stn road		2	11.00	0.35	1.70	13.09		
	Haunches		4	11.00	0.045		1.98		
	CD3 at main road at Chikkabanavara Ry stn road		2	11.00	0.35	1.70	13.09		
	Haunches		4	11.00	0.045		1.98		
		Cum			Total		121.94	7153.92	872350.00
	Rate Analysis	**Rs./ Cum**							
	Basic Rate	Rs.	6624.00						
	AW 8 %	Rs.	529.92						

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No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	Total **Rs.**	7153.92							
13	**Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification complete as per specifications. D. RCC / PSC with OPC cement design mix M30 @ 360kgs,** with 20mm and down size graded granite metal coarse aggregates @0.66cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, Case - II : Using Batching Plant, Transit Mixer & Concrete Pump MORTH Specification No. 1500,1600 & 1700. Height upto 5 m								
	(PW,P& IWTD, SR 15-16, P-226, I.No-29.16.1								
	Covered drain at Santosh Nagar opp to bus stand	Cum	1	60.00	2.20	0.35	46.20		
	CD1 at Santosh nagar		1	8.00	2.40	0.30	5.76		
	Parapet Wall		2	2.40	0.30	0.90	1.30		
	CD2 at main road at Chikkabanavara Ry stn		1	11.00	2.50	0.35	9.63		
	Parapet Wall		2	2.40	0.30	0.90	1.30		
	CD3 at main road at Chikkabanavara Ry stn		1	11.00	3.70	0.35	14.25		
	Parapet Wall		2	3.60	0.30	0.90	1.94		
					Total		**80.38**	**7351.56**	**590919.00**
	Rate Analysis **Rs./ Cum**								
	Basic Rate Rs.	6807.00							
	AW 8 % Rs.	544.56							
	Total **Rs.**	**7351.56**							
14	Supplying,fitting and placing **TMT bar reinforcement in sub-structure** complete as per drawing and technical specifications complete as per specifications. TMT Bars Fe 500								
	(PW,P& IWTD, SR 15-16, P-218, I.No-28.82)								
	Concrete Qty Drain	Item No: 9 & 10				460.44			
	Considering 90 Kg/ Cum for Drain						41.44		
	Concrete Qty Culvert	Item No: 11 & 12				208.04			
	Considering 110 Kg/ Cum for Culvert						22.88		
	MT				**Total**		**64.32**	**53549.64**	**3444528.00**
	Rate Analysis **Rs./ MT**								
	Basic Rate Rs.	49583.00							
	AW 8 % Rs.	3966.64							
	Total **Rs.**	**53549.64**							
15	Supplying,fitting and placing **TMT bar reinforcement in super-structure** complete as per drawing and technical specifications complete as per specifications. TMT Bars Fe 500								
	(PW,P& IWTD, SR 15-16, P-231, I.No-29.29)								
	Concrete Qty Culvert	Item No: 13				80.38			
	Considering 110 Kg/ Cum for Culvert						8.84		
	MT				**Total**		**8.84**	**54425.52**	**481220.00**
	Rate Analysis **Rs./ MT**								
	Basic Rate Rs.	50394.00							
	AW 8 % Rs.	4031.52							

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Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	Total **Rs.**	**54425.52**							
16	Providing weep holes in Brick masonry I Plain I Reinforced concrete abutment, wing wall I return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing foce. Complete as per drawing and Technical Specifications complete as per specifications MORTH Specification No.2706 & 2200								
	(PW,P& IWTD, SR 15-16, P-218, I.No-28.10)								
	Weep Holes @ 2 M c/c	Nos/Rmt	2	175.00	0.35		**122.50**	**180.36**	**22095.00**
	Rate Analysis **Rs.**								
	Basic Rate Rs.	167.00							
	AW 8 % Rs.	13.36							
	Total **Rs.**	**180.36**							
17	Providing and laying of **Filter media with granular** materials/stone crushed aggregates satisfying the requirements laid down in clause 2500.4.2.2 of MORTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification complete as per specifications with all lead and lifts, etc., after breaking of clods complete as per specifications and as per direction of Engineer in-charge.page no 229/28.13								
	(PW,P& IWTD, SR 15-16, P-218, I.No-28.13)								
	Covered drain at Santosh Nagar opp to bus stand	Cum	2	60.00	0.30	1.50	54.00		
	CD1 at Santosh nagar		2	8.00	0.30	1.50	7.20		
	U shape drain from Santosh nagar to Main road		2	160.00	0.30	1.40	134.40		
	CD2 at main road at Chikkabanavara Ry stn		2	11.00	0.30	1.50	9.90		
	CD3 at main road at Chikkabanavara Ry stn		2	11.00	0.30	1.50	9.90		
	U shape Drain opp. Ward office LHS of road		2	75.00	0.30	1.40	63.00		
	U shape Drain after existing box drain		2	5.00	0.30	1.40	4.20		
					Total		**282.60**	**1297.08**	**366555.00**
	Rate Analysis **Rs./ Cum**								
	Basic Rate Rs.	1201.00							
	AW 8 % Rs.	96.08							
	Total **Rs.**	**1297.08**							
18	Collecting, Conveying and disposal of surplus/excavated earth including Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum **to designated dumping site** (15.0 kms) as directed by the engineer-in-charge .								
	(PW,P& IWTD, SR 15-16, P-133, I.No-17.1								
	Qty as in (item No.1+4+5-17)=	Cum	**Total**				**2570.41**	**119.06**	**306031.00**

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Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	Rate Analysis			**Rs./ Cum**					
	Basic Rate			Rs.	68.00				
	Haulage for earth for 15 kms (1.28*2.2*15)			Rs.	42.24				
				Sub	110.24				
	AW 8 %			Rs.	8.82				
	Total			**Rs.**	**119.06**				
19	Providing and **fixing 50mm diameter and 750mm long perforated GI pressure relief pipe** with one end closed by perforated GL plate and other end provided with alluminium lid hinged to pipe including cost of all materials,labour, drilling 8mm dia holes etc., complete with **all leads and lifts.**								
	(WRD SR 14-15, P-60, WRD: 3.41)								
		Nos	**30.00**				**30.00**	**407.00**	**12210.00**
	Rate Analysis	**Rs./ Sqm**							
	Basic Rate	Rs.	407.00						
	Total	**Rs.**	**407.00**						
20	WRD: Providing and fixing 20mm thick 150mm depth tarfelt expasion joint filler board for cement concrete lining of canal including cost of all materils, labour etc,. Complrtr with all leads and lifts								
	(WRD SR 14-15, P-60, WRD: 3.41)								
	New box culvert from U/s	Rmt	4	9		2	72.00		
	U shape drain from Santosh nagar to Main road		11	5.8		2	127.60		
	U shape Drain opp. Ward office LHS of road		5	6.6		2	66.00		
	U shape Drain after existing box drain		0	7.1		2	0.00		
					Total		**265.60**	**123.00**	**32669.00**
	Rate Analysis	**Rs./ Rmt**							
	Basic Rate	Rs.	123.00						
	Total	**Rs.**	**123.00**						
21	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)								
	(PW,P& IWTD, SR 15-16, P-255, I.No-37.2								
	CD1 at Santosh nagar	m	2	3.00		3.25	19.50		
	U shape drain from Santosh nagar to Main road		2	53.00		3.25	344.50		
	U shape Drain opp. Ward office LHS of road		2	35.00		3.25	227.50		

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Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	U shape Drain after existing box drain		2	2.00		3.25	13.00		
						Total	604.50	991.44	599325.66

Rate Analysis		Rs.
Basic Rate	Rs.	918.00
AW 8 %	Rs.	73.44
Total	**Rs.**	**991.44**

22 Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint

(PW,P& IWTD, SR 15-16, P-255, I.No-37.3						
CD1 at Santosh nagar	Sqm	2	2.40		2.5	12.00
U shape drain from Santosh nagar to Main road		2	160.00		2.5	800.00
U shape Drain opp. Ward office LHS of road		2	75.00		2.5	375.00
U shape Drain after existing box drain		2	5.00		2.5	25.00
				Total		1212.50

Rate Analysis		Rs.
Basic Rate	Rs.	646.00
AW 8 %	Rs.	51.68
Total	**Rs.**	**697.68**

23 Providing and fixing M.S. Block pipe of 38mm dia. of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between / the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.

(PW,P& IWTD, SR 15-16, P-255, I.No-37.4						
CD1 at Santosh nagar	m	8	2.40			19.20
U shape drain from Santosh nagar to Main road		8	160.00			1280.00
U shape Drain opp. Ward office LHS of road		8	75.00			600.00
U shape Drain after existing box drain		8	5.00			40.00
				Total		1939.20

Rate Analysis		Rs.
Basic Rate	Rs.	313.00
AW 8 %	Rs.	25.04
Total	**Rs.**	**338.04**

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Sl. No.	Description	Unit	No.	L	B	D	Qty		Amount in Rs.
24	Reinforced cement concrete **M30 approach slab** including reinforcement @ 50 kg/Cum and formwork complete as per drawing and Technical specification complete as per specifications MORTH Specification No. 1500,1600,1700 & 2704								
	(PW,P& IWTD, SR 15-16, P-239, I.No-32.7								
	CD1 at Santosh nagar	Cum	2	8.00	3.00	0.20	9.60		
	CD2 at main road at		2	11.00	3.00	0.20	13.20		
	CD3 at main road at		2	11.00	3.00	0.20	13.20		
	Rate Analysis	**Rs.**					36.00	10200.60	367222.00
	Basic Rate	Rs. 9445.00							
	AW 8 %	Rs. 755.60							
	Total	**Rs. 10200.60**							
							Sub. Total		14663098.00
24	Add 2.00 % for preparation of DPR, PMC & Quality control							Rs.	293262.00
25	Utility shifting, miselleneous, Unforeseen charges and rounding off							Rs.	43640.00
	GRAND TOTAL							Rs.	15000000.00

Technically sanctioned for Rs. 1,50,00,000-00
(Rs. One crore hundred and fifty lakhs only.)
is accorded under
.....
.....
to conditions contained in enclosed memo
No. 126/16-17 Dt. 25-11-16
AE / JE TA CE (SWD)

CERTIFICATE :

1 Certified that above mentioned work is included in the detailed project report 126/16-17
2 The area comes under BBMP limits.
3 The provisions made in the estimates are adequate and necessary.
4 This Estimate is prepared based on the SR of 2015-2016 of PWD circle Bengaluru and WRD SR for 2014-15 Bengaluru.

AE, SWD, BBMP
Dasarahalli Division, Bengaluru

AEE, SWD, BBMP
Assistant Executive Engineer
Storm Water Drains Sub-Division,
Dasarahalli Zone, BBMP.Bengaluru

EE, SWD, BBMP
Dasarahalli Division, Bengaluru

Executive Engineer
Storm Water Drain Division
Dasarahalli Zone BBMP Bangalore

Administrative sanction for Rs. 1,50,00,000/-
(Rs. One hundred and fifty lakhs)
is accorded under head.....
Registered as CE No. 123/16-17 & Subject
to conditions contained in enclosed memo
No. 123/16-17 & Dt. 25/11/16
AE/JE TA SE (S) CE (S)

Technically sanctioned for Rs. 1,50,00,000/-
Rs. One hundred and fifty lakhs
under.....
Registered as CE No. 126/16-17 Subject
to conditions contained in enclosed memo
No. 126/16-17 Dt. 25/11/16
AE/JE TA SE (S) CE (S)

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